

Project Title	Funding	Strategic Plan Objective	Institution
Epigenetic biomarkers of autism in human placenta	\$0	Q1.L.A	University of California, Davis
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	University of California San Diego
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Southern California
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of California, San Diego
Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders	\$0	Q2.S.A	University of Southern California
IL-1beta and IL1RAPL1: Gene-environment interactions regulating synapse density and function in ASD	\$0	Q2.S.A	University of California, Davis
Behavioral, Cognitive, and Neural Signatures of Autism in Girls: Towards Big Data Science in Psychiatry	\$0	Q2.S.B	Stanford University
Neurobiology of RAI1, the causal gene for Smith-Magenis syndrome	\$0	Q2.S.D	Stanford University
Alteration of Dendrite and Spine Number and Morphology in Human Prefrontal Cortex of Autism	\$0	Q2.S.D	University of California, Davis
Restoring cortical plasticity in a Rett mouse model	\$0	Q2.S.D	Stanford University
Single-unit recordings in neurosurgical patients with autism	\$0	Q2.S.E	California Institute of Technology
Factors influencing early associative learning as a precursor to social behavior heterogeneity	\$0	Q2.S.G	University of Southern California
Assessing the Cognitive Deficits Associated with 16p11.2 Deletion Syndrome	\$0	Q2.S.G	Posit Science Corporation
Electrophysiologic biomarkers of language function in autism spectrum disorders	\$0	Q2.L.B	University of California, Los Angeles
Atypical architecture of prefrontal cortex in young children with autism	\$0	Q2.Other	University of California, San Diego
Neural basis of cross-modal influences on perception	\$0	Q2.Other	University of California, San Diego
Synchronous activity in networks of electrically coupled cortical interneurons	\$0	Q2.Other	University of California, Davis
HCC:Small:Computational studies of social nonverbal communication	\$0	Q2.Other	University of Southern California
CAREER: Dissecting the neural mechanisms for face detection	\$0	Q2.Other	California Institute of Technology
Autism and the insula: Genomic and neural circuits	\$0	Q2.Other	California Institute of Technology
Role of CNTNAP2 in neuronal structural development and synaptic transmission	\$0	Q2.Other	Stanford University
Pathologic and genetic characterization of novel brain cortical patches in young autistic brains	\$0	Q2.Other	University of California, San Francisco
Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	\$0	Q2.Other	University of California, Irvine

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Experience and cognitive development in infancy	\$0	Q2.Other	University of California, Davis
Thalamocortical connectivity in children and adolescents with ASD-A combined fMRI and DTI approach	\$0	Q2.Other	SAN DIEGO STATE UNIVERSITY
A novel transplantation assay to study human PTEN ASD alleles in GABAergic interneurons	\$0	Q2.Other	University of California, San Francisco
Stimulus preceding negativity and social stimuli in autism spectrum disorder	\$0	Q2.Other	University of California, San Diego
Abnormal connectivity in autism	\$0	Q2.Other	University of California, Los Angeles
Genetic models of autism in human neural progenitor cells: a platform for therapeutic discovery	\$0	Q2.Other	University of California, Los Angeles
Interrogating Synaptic Transmission in Human Neurons	\$0	Q2.Other	Stanford University
TSC/mTOR Signaling in Adult Hippocampal Neurogenesis: Impact on Treatment and Behavioral Models of Autism Spectrum Disorders in Mice	\$0	Q2.Other	University of California, Los Angeles
The Interplay Between Human Astrocytes and Neurons in Psychiatric Disorders	\$0	Q2.Other	University of California, San Diego
Signaling Pathways that Regulate Excitatory-inhibitory Balance	\$0	Q2.Other	University of California, San Diego
Prevalence and patterns of medical co-morbidity and healthcare use before ASD diagnoses in children	\$0	Q3.S.E	Kaiser Foundation Research Institute
Environmental exposure unveils mitochondrial dysfunction in autism	\$0	Q3.S.E	University of California, Davis
Gestational exposure questionnaire validation and feasibility study	\$0	Q3.S.H	University of California, Davis
Defining the underlying biology of gastrointestinal dysfunction in autism	\$0	Q3.S.I	University of California, Davis
A genome-wide search for autism genes in the SSC UCLA	\$0	Q3.L.B	University of California, Los Angeles
Illumina, Inc.	\$0	Q3.L.B	Illumina, Inc.
Anxiety treatment for children with autism and intellectual disability	\$0	Q4.S.A	University of California, Los Angeles
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$0	Q4.S.B	University of California, San Francisco
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$0	Q4.S.B	Salk Institute for Biological Studies
Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	\$0	Q4.S.B	University of California, Los Angeles
Exploring VIPR2 microduplication linkages to autism in a mouse model	\$0	Q4.S.B	University of California, Los Angeles
Daily ratings of ASD Symptoms with digital media devices: An initial validity study	\$0	Q4.S.C	University of California, Los Angeles

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Identifying markers for treatment response to cognitive training in autism spectrum disorders	\$0	Q4.S.F	University of California, Davis
Randomized controlled trial of oxytocin treatment for social deficits in children with autism	\$0	Q4.L.A	Stanford University
Controlled trial of sertraline in young children with Fragile X Syndrome	\$0	Q4.L.A	University of California, Davis
Cognitive behavioral therapy for core autism symptoms in school-age children	\$0	Q4.L.D	University of California, Los Angeles
Deployment focused model of JASPER for preschoolers with autism spectrum disorders	\$0	Q4.L.D	University of California, Los Angeles
Factors associated with positive outcomes for children and youth with autism: Secondary analysis of data from SEELS and NLTS2	\$0	Q4.L.D	SRI International
Effectiveness of a virtual coach application in social skills training for teens with ASD	\$0	Q4.L.D	University of California, Los Angeles
HCC-Medium: Personalized socially-assistive human-robot interaction: Applications to autism spectrum disorder	\$0	Q4.Other	University of Southern California
Partnership for Research and Dissemination of Evidence-Based Medicine in Autism	\$0	Q5.L.A	University of Southern California
Project CAT (Comprehensive Autism Teaching)	\$0	Q5.L.C	Touro University
Personnel development to improve services and results for children with disabilities	\$0	Q5.L.C	SAN DIEGO STATE UNIVERSITY
Training paraprofessionals to provide appropriate social opportunities for children with ASD	\$0	Q5.L.C	University of California, Santa Barbara
Use of Real Time Video Feedback to Enhance Special Education Teacher Training	\$0	Q5.L.C	University of California, San Diego
Collaboration of Autism Specialists Training (COAST) Program	\$0	Q5.Other	California State Los Angeles University Auxiliary Services, Inc.
Transdisciplinary approaches to autism spectrum disorders	\$0	Q5.Other	SAN DIEGO STATE UNIVERSITY
Finding and keeping the best: A rural regional partnership for recruiting and retaining teachers for children with low incidence disabilities	\$0	Q5.Other	California State University Chico Research Foundation
Successful transition in the early school years for children with autism	\$0	Q5.Other	University of California, Riverside
Predictors of success in postsecondary STEM education and employment for students with autism	\$0	Q6.S.A	SRI International
Economic burden of current and future autism	\$0	Q6.L.D	University of California, Davis
Maximizing Biospecimen Collection from Children with Mental Health Conditions	\$1	Q2.S.C	GROUP HEALTH COOPERATIVE
Undergraduate Research Award	\$3,000	Q2.L.B	SAN DIEGO STATE UNIVERSITY

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2014 GRC Molecular and Cellular Neurobiology Conference	\$5,000	Q7.K	Gordon Research Conferences
EAPSI: Design of augmentative and alternative communication devices for Japanese children with Autism Spectrum Disorder	\$5,070	Q5.L.A	Ringland Kathryn E
Increasing flexibility in children with autism	\$9,500	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism self-monitoring skills	\$10,000	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to identify social saliency: Shifting attention	\$10,000	Q4.L.D	Center for Autism and Related Disorders (CARD)
SFARI Undergraduate Summer Research Program	\$11,848	Q7.K	University of California, San Francisco
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Simons Simplex Collection support grant	\$13,200	Q3.L.B	University of California, Los Angeles
Teaching children with autism to identify others' knowledge	\$15,000	Q4.L.D	Center for Autism and Related Disorders (CARD)
Randomized trial of a web-based system for building behavior intervention plans	\$17,500	Q5.L.A	Center for Autism and Related Disorders (CARD)
Teaching children with autism to deal with jealousy constructively	\$20,000	Q4.L.D	Center for Autism and Related Disorders (CARD)
A peer-facilitated, multi-component social skills intervention for adolescents with ASD	\$20,000	Q4.L.D	University of California, Santa Barbara
An evaluation of a behaviorally based social skills group for young children diagnosed with autism	\$20,000	Q4.L.D	Autism Partnership Foundation
evaluation of effects of intensity and duration on outcomes across treatment domains for children with autism spectrum disorder	\$21,700	Q4.Other	Center for Autism and Related Disorders (CARD)
The impact of maternal inflammation during pregnancy on placental tryptophan metabolism, and the downstream consequences on fetal brain development	\$25,000	Q3.S.F	University of Southern California
Investigations of a Proposed Molecular Feedback Loop in Cortical Neurons in Psychiatric Pathogenesis	\$25,000	Q4.S.B	University of California, San Francisco
Endocannabinoid Enhancement of Sociability in Autism-related Mouse Models	\$25,000	Q4.S.B	University of California, Irvine
Sensory Over Responsivity & Anxiety in Youth with Autism	\$25,658	Q4.S.C	University of California, Los Angeles
Gene by Environment Influences on Forebrain Development	\$29,056	Q3.S.K	UNIVERSITY OF SOUTHERN CALIFORNIA
Identification and validation of genetic variants which cause the Autism Macrocephaly subphenotype	\$29,500	Q2.S.G	University of California, Los Angeles
Using fMRI to understand the Neural Mechanisms of Pivotal Response Treatment	\$29,500	Q2.L.B	University of California, Santa Barbara
The use of eye-tracking as an outcome measure for an innovative early social intervention for ASD	\$29,972	Q4.Other	University of California, Santa Barbara

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Investigating brain organization and activation in autism at the whole-brain level	\$30,000	Q2.Other	California Institute of Technology
Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2	\$30,000	Q2.Other	University of California, San Francisco
A Role for Cytoplasmic Rbfox1/A2BP1 in Autism	\$30,000	Q2.Other	University of California, Los Angeles
α-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	\$30,000	Q2.Other	University of California, Davis
Behavioral evaluation of a novel autism mouse model	\$30,000	Q4.S.B	Shriners Hospitals for Children - Northern California
Randomized trial of a web-based system for building Individualized Education Plans.	\$30,000	Q4.S.C	Center for Autism and Related Disorders (CARD)
The Center for Autism & Developmental Disorders	\$30,000	Q7.N	University of California, Irvine
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	\$30,731	Q3.S.J	University of California, Davis
Validity of the CARD Indirect Functional Analysis.	\$32,000	Q4.S.C	Center for Autism and Related Disorders (CARD)
Teaching children with autism to respond to subtle social cues: Desires	\$32,000	Q4.L.D	Center for Autism and Related Disorders (CARD)
Cortactin and Spine Dysfunction in Fragile X	\$33,319	Q2.S.D	University of California, Irvine
Transcriptional Regulators in Normal Human Brain Development and Autism	\$34,216	Q2.Other	University of California, Los Angeles
Social Motivations and Striatal Circuit Development in Children and Adolescents with Autism	\$35,000	Q2.L.B	Stanford University
Using eLearning to train educational staff to implement paired-choice preference assessments	\$35,000	Q4.S.C	Center for Autism and Related Disorders (CARD)
ATN 2014 - Children's Hospital Los Angeles	\$35,000	Q7.N	Children's Hospital Los Angeles
Improving Cost Effectiveness Through Parent Training	\$38,500	Q4.L.D	Center for Autism and Related Disorders (CARD)
Evaluation of group-based implementation of applied behavior analysis	\$38,500	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to detect deception	\$40,000	Q4.L.D	Center for Autism and Related Disorders (CARD)
Mobilized technology for rapid screening and clinical prioritization of ASD	\$42,612	Q1.S.B	Stanford University
An exploration of genetic and behavioral variables in Autism Spectrum Disorder	\$45,000	Q3.S.A	Center for Autism and Related Disorders (CARD)
Investigating the role of Tsc1 in neocortical circuit assembly	\$47,114	Q2.S.D	Stanford University
Functional consequences of disrupted MET signaling	\$48,509	Q4.S.B	Children's Hospital Los Angeles
Gene-brain-environment interactions: Predicting social skill heterogeneity in ASD	\$49,850	Q3.Other	University of California, Los Angeles
ASD Advocacy to Action: Planned Partnership of Under-Resourced Families in South Los Angeles	\$50,000	Q5.L.A	University of California, Los Angeles

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An Evaluation of the Impact of Supervision Intensity, Supervisor Qualifications, and Caseload on Outcomes in the Treatment of Autism Spectrum Disorder	\$50,750	Q4.Other	Center for Autism and Related Disorders (CARD)
EEG biomarkers of language and literacy abilities in minimally verbal children with ASD	\$51,400	Q1.L.B	University of California, Los Angeles
Dissecting the 16p11.2 CNV endophenotype in induced pluripotent stem cells	\$51,400	Q2.S.D	University of California, San Francisco
Identification of genetic pathways that regulate neuronal circuits in <i>C. elegans</i>	\$51,530	Q2.Other	UNIVERSITY OF CALIFORNIA SAN DIEGO
Investigating role of neuroligin-1 mutation in autism using human induced neurons	\$53,282	Q2.Other	Stanford University
PCBs interact with mTOR signaling to disrupt neuronal connectivity in zebrafish	\$53,282	Q3.S.K	University of California, Davis
Frontostriatal Synaptic Dysfunction in a Model of Autism	\$55,094	Q2.Other	Stanford University
Organophosphorus pesticides interact with ASD-linked neuroligins to alter synapto	\$55,094	Q3.S.F	University of California, Davis
Genotype-Phenotype Relationships in Fragile X Families	\$55,440	Q2.S.D	University of California, Davis
Evaluation of the effects of web-based support on teacher self-efficacy	\$56,000	Q5.L.A	Center for Autism and Related Disorders (CARD)
Role of Neuroligin in Synapse Formation and Maintenance	\$56,978	Q2.Other	Stanford University
Dissemination of Early Life Exposure Assessment Tool (ELEAT)	\$57,500	Q3.Other	University of California, Davis
Discovery and Functional Characterization of Gene Regulatory Networks (GRNs) of Autism Risk Genes	\$57,900	Q3.Other	Children's Hospital Los Angeles
Rapid screening for cortical circuit dysfunction in autism-related mouse models	\$59,835	Q2.S.D	University of California, Berkeley
Direct Recordings from the Brain in Autism	\$60,000	Q2.S.E	California Institute of Technology
Dosage effects of 22q11 region on autism-relevant neural systems	\$60,000	Q3.S.A	University of California, Los Angeles
Investigating Wnt signaling variants in mouse models of ASD	\$60,000	Q4.S.B	University of California, San Francisco
Direct recording from autism brains	\$60,074	Q2.S.E	California Institute of Technology
An Evaluation of a Mobile Application Designed to Teach Receptive Language Skills to Children with Autism Spectrum Disorder	\$60,400	Q4.Other	Center for Autism and Related Disorders (CARD)
A multidimensional database for the Simons Simplex Collection	\$61,208	Q7.Other	University of California, Los Angeles
Imaging-based real-time feedback to enhance therapeutic intervention in ASD	\$61,530	Q2.L.B	Stanford University
A Centralized Standard Database for the Baby Siblings Research Consortium	\$62,250	Q7.O	University of California, Davis

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Using fruit flies to map the network of autism-associated genes	\$62,498	Q2.Other	University of California, San Diego
Development of a blood-based biomarker for autism	\$62,500	Q1.L.A	University of California, San Francisco
Sexually dimorphic gene-expression and regulation to evaluate ASD sex bias	\$62,500	Q2.S.B	University of California, San Francisco
Microcircuit endophenotypes for autism	\$62,500	Q4.S.B	University of California, San Francisco
In vivo approach to screen ASD allele functions in cortical interneurons	\$62,500	Q4.S.B	University of California, San Francisco
The Role of Cation/Proton Exchanger NHE9 in Autism	\$62,500	Q4.S.B	University of California, San Francisco
How do autism-related mutations affect basal ganglia function?	\$62,500	Q4.S.B	University of California, Berkeley
Intensity and Learning Outcomes in the Treatment of Children with Autism Spectrum Disorder	\$63,000	Q4.Other	Center for Autism and Related Disorders (CARD)
Utilization of the Navigation Guide to Understand Environmental Exposures and Risk of ASD	\$65,325	Q7.O	University of California, San Francisco
Novel Proteomics Approach to Oxidative Posttranslational Modifications Underlying Anxiety and Autism Spectrum Disorders	\$65,859	Q3.S.E	Sanford Burnham Medical Research Center
Effectiveness and Implementation of a Mental Health Intervention for ASD	\$68,868	Q5.L.A	UNIVERSITY OF CALIFORNIA SAN DIEGO
Gestational Metabolic Conditions and Autism	\$74,844	Q3.S.H	University of California, Davis
Axonal Ultrastructure of Temporal White Matter in Autism	\$77,750	Q2.Other	University of California, Davis
Dissecting Epistasis and Pleiotropy in Autism towards Personalized Medicine	\$83,334	Q2.S.G	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Administrative Core/Leadership	\$89,231	Q7.Other	University of California, Davis
Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1	\$90,696	Q4.S.B	University of California, Davis
Autism Treatment Network (ATN) 2011- Children's Hospital Los Angeles	\$93,300	Q7.N	Children's Hospital Los Angeles
Immune signaling in the developing brain in mouse models of ASD	\$100,000	Q2.S.A	University of California, Davis
THE ROLE OF MECP2 IN RETT SYNDROME	\$100,000	Q2.S.D	University of California, Davis
(SDAS) Peer-victimization of Adolescents with ASD: Filling the Knowledge Gaps to Create Anti-bullying Interventions	\$100,000	Q4.Other	University of California, San Francisco
Project 2: Perinatal Epigenetic Signature of Environmental Exposure	\$103,544	Q3.S.J	University of California, Davis
Project 4: Calcium Signaling Defects in Autism (Pessah/Lein)	\$107,377	Q2.Other	University of California, Davis

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Project 3: Immune Environment Interaction and Neurodevelopment	\$107,727	Q2.S.A	University of California, Davis
Facility Core: Analytical and Environmental Chemistry	\$109,403	Q7.Other	University of California, Davis
Parental Age and Schizophrenia Susceptibility	\$115,500	Q3.L.D	University of California, Los Angeles
Biological Analysis Core	\$118,217	Q7.J	University of California, Davis
Exploring Interactions between Folate and Environmental Risk Factors for Autism	\$118,717	Q3.S.J	University of California, Davis
Neurobehavioral Analysis Core	\$122,509	Q1.S.B	University of California, Davis
CLARITY: circuit-dynamics and connectivity of autism-related behavior	\$124,148	Q2.Other	Stanford University
Neural mechanisms of social reward in mouse models of autism	\$124,997	Q4.S.B	Stanford University
Neurexins function in the prefrontal cortex and autism pathogenesis	\$125,000	Q4.S.B	Stanford University
Biomarker discovery for low sociability: A monkey model	\$125,000	Q4.S.B	Stanford University
Chromatin remodeling in autism	\$125,000	Q4.S.B	Stanford University
A probiotic therapy for autism	\$125,000	Q4.Other	California Institute of Technology
Synergy between genetic risk and placental vulnerability to immune events	\$125,306	Q2.S.A	Stanford University
Effects of Chronic Intranasal Oxytocin	\$125,448	Q4.S.B	University of California, Davis
A Centralized Standard Database for the Baby Siblings Research Consortium	\$126,394	Q1.L.A	University of California, Davis
A functional near-infrared spectroscopy study of first signs of autism	\$128,805	Q1.L.A	Stanford University
The Computational Basis of Theory of Mind in the Human Brain	\$130,695	Q2.Other	CALIFORNIA INSTITUTE OF TECHNOLOGY
Decoding Affective Prosody and Communication Circuits in Autism	\$138,829	Q2.L.B	Stanford University
A functional genomic analysis of the cerebral cortex	\$142,273	Q2.Other	University of California, Los Angeles
ADAPTING ELECTRONIC MEDICAL RECORD TO MEASURE MEDICAL OUTCOMES IN ASD POPULATIONS	\$142,604	Q7.Other	CHILDREN'S HOSPITAL RESEARCH CENTER
Project 1: Epidemiology and the Environment in Autism (Hertz-Picciotto)	\$143,217	Q3.L.D	University of California, Davis
Response Heterogeneity to GI Treatment, Autism Symptom and Improved Oxidative Stress	\$144,971	Q4.L.C	Children's Hospital Los Angeles
Validity of a web-based indirect Skills Assessment	\$145,000	Q5.L.A	Center for Autism and Related Disorders (CARD)
Training Community Providers to Implement an Evidence-Based Early Intervention Program	\$149,733	Q4.Other	University of California, Davis

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Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy	\$150,000	Q1.S.B	University of California, Davis
The mechanism of the maternal infection risk factor for autism	\$150,000	Q2.S.A	California Institute of Technology
Air pollution, MET genotype and ASD risk: GxE Interaction in the EMA Study	\$150,000	Q3.S.C	Kaiser Permanente
Multimodal Imaging of Social Brain Networks in ASD	\$150,471	Q2.Other	SAN DIEGO STATE UNIVERSITY
Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	\$159,168	Q4.S.B	University of California, Los Angeles
Perinatal exposure to airborne pollutants and associations with autism phenotype	\$166,100	Q3.S.C	University of Southern California
Brain Systems Supporting Learning and Memory in Children with Autism	\$172,797	Q2.Other	Stanford University
Mesocorticolimbic dopamine circuitry in mouse models of autism	\$174,944	Q2.S.D	Stanford University
Decoding Neural Systems Underlying Affective Prosody in Children with Autism	\$176,164	Q2.Other	Stanford University
Predicting the Decline of Social Attention in Infants at Risk for Autism	\$178,128	Q1.L.A	University of California, Los Angeles
Neural assays and longitudinal assessment of infants at very high risk for ASD	\$179,232	Q1.L.A	University of California, Los Angeles
Neural Predictors of Language Function After Intervention in Children with Autism	\$181,307	Q1.L.B	University of California, Los Angeles
Neuroimaging signatures of autism: Linking brain function to genes and behavior	\$184,134	Q2.S.G	University of California, Los Angeles
Pesticide Exposure and Childhood Autism	\$184,503	Q3.S.F	University of California, Los Angeles
The Role of Germline Mutation and Parental Age in Autism Spectrum Disorders	\$184,715	Q3.S.C	UNIVERSITY OF CALIFORNIA SAN DIEGO
Developing the Autism Model of Implementation for ASD Community Providers	\$185,327	Q5.L.A	SAN DIEGO STATE UNIVERSITY
Neuroimaging/Neurophysiology	\$186,646	Q7.Other	University of California, Los Angeles
Cytoplasmic Functions of Rbfox1, a Candidate Autism Gene	\$192,500	Q2.Other	University of California, Los Angeles
The role of vasopressin in the social deficits of autism	\$196,250	Q4.L.A	Stanford University
Linking circuit dynamics and behavior in a rat model of autism	\$196,290	Q2.S.D	University of California, San Francisco
Variation in Neuroligin Concentration and Presynaptic Functional Development	\$196,979	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	University of California, Davis
16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	Stanford University

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Modeling multiple heterozygous genetic lesions in autism using <i>Drosophila melanogaster</i>	\$202,745	Q2.Other	University of California, Los Angeles
Administrative Core	\$204,280	Q7.Other	University of California, Los Angeles
Non-Coding RNAs in Autism	\$205,365	Q3.Other	UNIVERSITY OF SOUTHERN CALIFORNIA
THE CHARGE STUDY: CHILDHOOD AUTISM RISKS FROM GENETICS AND THE ENVIRONMENT	\$212,604	Q3.S.C	University of California, Davis
1/3 Treatment of Anxiety in Autism Spectrum Disorder	\$223,685	Q4.S.A	University of California, Los Angeles
Research education and training	\$225,713	Q7.K	University of California, Los Angeles
Protein network of high risk copy number variants for psychiatric disorders	\$227,135	Q2.Other	UNIVERSITY OF CALIFORNIA SAN DIEGO
A monkey model of naturally occurring low sociability	\$229,288	Q1.Other	Stanford University
Solid-state patch clamp platform to diagnose autism and screen for effective drug	\$230,339	Q1.S.A	Stanford University
Diagnostic and recruitment	\$230,497	Q7.Other	University of California, Los Angeles
fMRI and EEG approaches to the resting state in ASD	\$240,042	Q2.Other	SAN DIEGO STATE UNIVERSITY
Pivotal Response Treatment Package for Young Children with Autism	\$240,750	Q4.S.C	Stanford University
Mechanisms of Autonomic Brainstem Development	\$243,000	Q2.Other	Children's Hospital Los Angeles
Genetic and genomic analyses to connect genes to brain to cognition in ASD	\$247,228	Q2.S.G	University of California, Los Angeles
Leading Excellence for Academic Positions in Special Education (LEAPS)	\$249,774	Q7.K	The Regents Of The University Of California -- Graduate School Of Education - Graduate School Of Education
Project Common Ground: Preparing highly qualified speech-language pathologists to meet the communication needs of children with autism spectrum disorder in diverse settings	\$249,846	Q5.L.C	San Francisco State University
Project Surfboard: Sustaining Practices by Specialists on Autism Spectrum Disorder	\$250,000	Q5.Other	SAN DIEGO STATE UNIVERSITY
Training & research for autism & collaboration in kinesiology	\$250,000	Q5.Other	Chico Research Foundation
Neural Mechanisms of Tactile Sensation in Rodent Somatosensory Cortex	\$251,860	Q2.Other	University of California, Berkeley
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$257,569	Q4.S.D	University of California, Davis
Linking cortical circuit dysfunction and abnormal behavior in genetic mouse models of autism	\$258,358	Q4.S.B	University of California, Los Angeles
Simons Variation in Individuals Project (VIP) Core Neuroimaging Support Site	\$263,959	Q2.S.G	University of California, San Francisco
Augmenting language interventions for ASD: A translational approach	\$274,364	Q4.L.A	University of California, Los Angeles

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Targeting joint engagement in infants at risk for ASD: Integrating treatment wit	\$274,972	Q4.L.B	University of California, Los Angeles
Mutations in noncoding DNA and the missing heritability of autism	\$275,697	Q3.L.B	University of California, San Diego
Supported Employment, Cognitive Enhancement, Social Skills Program for ASD Adult	\$281,112	Q6.L.A	Rady Children's Hospital Health Center
Interdisciplinary Training for Autism Researchers	\$285,762	Q7.K	University of California, Davis
Optimization of Fidelity Procedures for Pivotal Response Training in Autism	\$286,767	Q5.L.A	UNIVERSITY OF CALIFORNIA SAN DIEGO
A Controlled Trial of Sertraline in Young Children with ASD	\$300,000	Q4.L.A	University of California, Davis
MCH Health Care Transitions Research Network (HCT-RN) for Youth and Young Adults with Autism Spectrum Disorders (ASD)	\$300,000	Q6.Other	University of California, Los Angeles
New Experimental Medicine Studies: Fast-Fail Trials in Autism Spectrum Disorders	\$306,043	Q4.Other	University of California, Los Angeles
Wireless EEG System for Training Attention and Eye Movement in ASD	\$307,351	Q4.Other	UNIVERSITY OF CALIFORNIA SAN DIEGO
Adapting an Evidence-Based Program for Infants and Toddlers at High Risk for Autism	\$312,778	Q4.L.D	University of California, San Diego
Inhibitory mechanisms for sensory map plasticity in cerebral cortex.	\$323,873	Q2.Other	University of California, Berkeley
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	\$341,921	Q3.S.J	University of California, Davis
Revealing protein synthesis defects in Fragile X Syndrome with new chemical tools	\$347,427	Q2.S.D	Stanford University
THE ROLE OF MECP2 IN RETT SYNDROME	\$353,130	Q2.S.D	University of California, Davis
Cellular Density and Morphology in the Autistic Temporal Human Cerebral Cortex	\$366,427	Q2.Other	University of California, Davis
Early Identification of ASD: Translating Eye Tracking into Practice	\$375,283	Q1.S.B	UNIVERSITY OF CALIFORNIA SAN DIEGO
Typical and Pathological Cellular Development of the Human Amygdala	\$385,000	Q2.Other	University of California, Davis
Optogenetic treatment of social behavior in autism	\$385,000	Q2.Other	University of California, Los Angeles
Treatment of Autism Symptoms in Children (TASC): Initial RCT with Active Control	\$385,000	Q4.Other	University of California, Los Angeles
PHENOTYPING ASTROCYTES IN HUMAN NEURODEVELOPMENTAL DISORDERS	\$386,750	Q2.Other	Stanford University
Preclinical Autism Consortium for Therapeutics (PACT)	\$389,677	Q4.S.B	University of California, Davis
Virtual reality applications for the study of attention and learning in children with autism and ADHD	\$395,450	Q4.L.D	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Examining the efficacy of classroom pivotal response teaching in classroom environments	\$403,996	Q4.S.D	Rady Children's Hospital Health Center
Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	\$413,188	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Biology of Non-Coding RNAs Associated with Psychiatric Disorders	\$415,143	Q2.Other	UNIVERSITY OF SOUTHERN CALIFORNIA
Regulation of SK2 channels by UBE3A	\$425,708	Q2.Other	WESTERN UNIVERSITY OF HEALTH SCIENCES
Dissecting neural mechanisms integrating multiple inputs in C. elegans	\$453,240	Q2.Other	SALK INSTITUTE FOR BIOLOGICAL STUDIES
BDNF and the Restoration of Synaptic Plasticity in Fragile X and Autism	\$453,289	Q2.S.D	University of California, Irvine
Development of a Prospective Video-Based Measure to Identify ASD Risk in Infancy	\$478,021	Q1.S.B	University of California, Davis
Function of Neurexins	\$488,615	Q2.Other	Stanford University
Characterizing the genetic systems of autism through multi-disease analysis	\$498,198	Q2.S.G	Stanford University
Language Development in Fragile X Syndrome	\$516,736	Q2.S.D	University of California, Davis
Epigenetic and Transcriptional Dysregulation in Autism Spectrum Disorder	\$531,208	Q3.S.J	University of California, Los Angeles
A computational framework for predicting the impact of mutations in autism	\$533,354	Q2.S.G	UNIVERSITY OF CALIFORNIA SAN DIEGO
Prospective Evaluation of Air Pollution, Cognition, and Autism from Birth Onward	\$545,679	Q3.S.H	UNIVERSITY OF SOUTHERN CALIFORNIA
Predictors of Cognitive Development in Autism Spectrum Disorder	\$557,566	Q2.L.A	University of California, Davis
Investigating the Gut Microbiome for Novel Therapies and Diagnostics for Autism	\$558,136	Q3.S.I	CALIFORNIA INSTITUTE OF TECHNOLOGY
Genotype-Phenotype Relationships in Fragile X Families	\$564,704	Q2.S.D	University of California, Davis
GABRB3 and Placental Vulnerability in ASD	\$582,482	Q2.S.A	Stanford University
Building a Unified Research Agenda for K-12 Online Learning Environments to Improve STEM Outcomes for Students with Learning Disabilities and Students with Autism Spectrum Disorder	\$586,021	Q7.Other	SRI International
Rapid Phenotyping for Rare Variant Discovery in Autism	\$589,746	Q3.S.A	University of California, Los Angeles
Mathematical Cognition in Autism: A Cognitive and Systems Neuroscience Approach	\$623,389	Q2.Other	Stanford University
Effectiveness and Implementation of a Mental Health Intervention for ASD	\$626,517	Q5.L.A	UNIVERSITY OF CALIFORNIA SAN DIEGO
The UC Davis Center for Children's Environmental Health and Disease Prevention	\$639,214	Q3.L.D	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Function and Structure Adaptations in Forebrain Development	\$662,342	Q2.Other	Children's Hospital Los Angeles
4/4 The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$674,849	Q3.S.A	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Neural Phenotypes of Females with Autism Spectrum Disorder	\$690,279	Q2.S.B	University of California, Davis
The Role of Germline Mutation and Parental Age in Autism Spectrum Disorders	\$747,236	Q3.S.C	UNIVERSITY OF CALIFORNIA SAN DIEGO
Integrity and Dynamic Processing Efficiency of Networks in ASD	\$763,675	Q2.Other	SAN DIEGO STATE UNIVERSITY
Longitudinal MRI Study of Brain Development in Fragile X	\$773,954	Q2.S.D	Stanford University
Prenatal and Neonatal Biologic Markers for Autism	\$784,863	Q3.S.C	KAISER FOUNDATION RESEARCH INSTITUTE
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$820,597	Q2.S.G	University of California, San Francisco
A gene-driven systems approach to identifying autism pathology	\$999,172	Q2.S.G	University of California, San Francisco
Autism Intervention Research Network on Behavioral Health (AIR-B network)	\$1,000,000	Q4.S.D	University of California, Los Angeles
DETECTION OF ASD AT THE 1ST BIRTHDAY AS STANDARD OF CARE: THE GET SET EARLY MODEL	\$1,099,280	Q1.S.D	UNIVERSITY OF CALIFORNIA SAN DIEGO
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	\$1,100,000	Q3.L.D	Kaiser Foundation Research Institute
Effects of Chronic Intranasal Oxytocin	\$1,103,903	Q4.S.B	University of California, Davis
THE CHARGE STUDY: CHILDHOOD AUTISM RISKS FROM GENETICS AND THE ENVIRONMENT	\$1,114,894	Q3.S.C	University of California, Davis
Autism Risk, Prenatal Environmental Exposures, and Pathophysiologic Markers	\$1,793,611	Q3.S.C	University of California, Davis
Adaptive Interventions for Minimally Verbal Children with ASD in the Community	\$2,563,341	Q4.S.G	University of California, Los Angeles
Intervention effects of intensity and delivery style for toddlers with ASD	\$2,686,558	Q4.S.D	University of California, Davis
Autism Genetics, Phase II: Increasing Representation of Human Diversity	\$2,728,166	Q3.S.D	University of California, Los Angeles
Fast Fail Trials in Autism Spectrum Disorders (FAST-AS)	\$6,092,360	Q4.Other	University of California, Los Angeles

